

FIG. 1

100 COMMUNICATION SYSTEM
 110 TRANSMITTER
 5 120 RECEIVER
 130 IP NETWORK

FIG. 2

START
 10 ST201 TRANSMIT PACKET
 ST202 RECEIVE PACKET
 ST203 HEAD PACKET?
 ST204 MEMORIZE T_1
 ST205 RECEIVED ALL PACKETS?
 15 ST206 MEMORIZE T_2
 ST209 GENERATE WINDOW-SIZE INFORMATION INDICATING
 DECREASE IN TRANSMISSION WINDOW SIZE
 ST210 GENERATE WINDOW-SIZE INFORMATION INDICATING
 INCREASE IN TRANSMISSION WINDOW SIZE
 20 ST211 RETURN NEW WINDOW-SIZE INFORMATION AND ACCUMULATIVE
 ACK PACKET
 ST212 DELETE MEMORY VALUES T_1 AND T_2

FIG. 2

25 110 TRANSMITTER
 120 RECEIVER
 AS1 (ACCUMULATIVE ACK PACKET AND NEW WINDOW-SIZE

INFORMATION)

TA (TRANSMISSION WINDOW SIZE)=4

TB (TRANSMISSION WINDOW SIZE)=3

5 **FIG. 4**

110 TRANSMITTER

120 RECEIVER

AS2 (ACCUMULATIVE ACK PACKET AND NEW WINDOW-SIZE
INFORMATION)

10 TA (TRANSMISSION WINDOW SIZE)=4

TD (TRANSMISSION WINDOW SIZE)=5

FIG. 5

110 TRANSMITTER

15 510 RECEIVER

130 IP NETWORK

500 COMMUNICATION SYSTEM

FIG. 6

20 START

ST601 TRANSMIT PACKET

ST602 RECEIVE PACKET

ST603 HEAD PACKET ?

ST604 MEMORIZE T_1

25 ST605 RECEIVED ALL PACKETS?

ST606 MEMORIZE T_2

ST610 GENERATE NEW WINDOW-SIZE INFORMATION INDICATING

DECREASE IN TRANSMISSION WINDOW SIZE

ST611 GENERATE NEW WINDOW-SIZE INFORMATION INDICATING
HOLD IN TRANSMISSION WINDOW SIZE

ST612 GENERATE NEW WINDOW-SIZE INFORMATION INDICATING

5 INCREASE IN TRANSMISSION WINDOW SIZE

ST613 RETURN NEW WINDOW-SIZE INFORMATION AND ACCUMULATIVE
ACK PACKET

ST614 DELETE MEMOERY VALUES T_1 AND T_2